



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

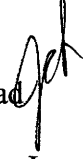
Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 12, 2001

TO: ~~Internal File~~

FROM: Joseph C. Helfrich, Biologist & Team Lead 

RE: Truck Dump Relocation, Savage Industries Inc. Savage Coal Terminal
C/007/022-AM01D

SUMMARY:

On May 21, 2001 the Division received an application to relocate the No. 5 truck dump at the Savage Coal Terminal. The proposal included moving the truck dump to the south approximately 200' to increase the useable stock pile area. The proposed area is presently approved for coal stockpiles. Other than the extension of three existing culverts there are no new structures proposed for this amendment. This technical memo is a review of the proposed relocation of the #5 truck dump.

TECHNICAL ANALYSIS

OPERATION PLAN

MINING OPERATIONS AND FACILITIES

Regulatory Reference: 30 CFR 784.2, 784.11; R645-301-231, -301-526, -301-528.

EXISTING STRUCTURES

Regulatory Reference: 30 CFR 784.12; R645-301-526.

Analysis:

The existing #5 truck dump is shown on plates 3-2, and 3-9 of the current operation and reclamation plan. The structure is located near the center of the Terminal area. The proposed

TECNHCAL MEMO

relocation of the structure is approximately 200' to the south of the current location in an existing disturbed area. Incoming coal trucks will have a straighter approach to the facility in addition to the additional coal storage area. A radial stacker will replace the current transfer system.

Findings:

The information provided in the application is adequate to meet this section of the regulations.

ROAD SYSTEMS AND OTHER TRANSPORTATION FACILITIES

Regulatory Reference: 30 CFR Sec. 784.24, 817.150, 817.151; R645-301-521, -301-527, -301-534, -301-732.

Analysis:

The current truck loop that provides access to the #5 dump facility will be eliminated. A straighter approach at the new location will be constructed to connect the access road from East to West. Road base from the existing loop will be used to construct the new approach. No additional material will be required to construct the new facility.

Findings:

The information provided in the application is adequate to meet this section of the regulations.

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Analysis:

Diversions

Three culvert extensions are proposed, C-2, C-4, and C-26. C-26 will be extended and join C-4, C-4 will continue and join with C-16. C-2 will be extended and join C-4 near the entrance to C-16. The proposed configuration is shown on plate3-10. The extension of these

three culverts will provide for additional coal storage. The culverts have been previously sized and approved for the projected runoff volumes.

Findings:

The information provided in the application is adequate to meet this section of the regulations.

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Plate 3-10 provides for the location and cross sections of the proposed access road. The plate also includes the new location of the #5 truck dump and proposed radial stacker location.

Findings:

The information provided in the application is adequate to meet this section of the regulations.

RECLAMATION PLAN

ROAD SYSTEMS AND OTHER TRANSPORTATION FACILITIES

Regulatory Reference: 30 CFR Sec. 701.5, 784.24, 817.150, 817.151; R645-100-200, -301-513, -301-521, -301-527, -301-534, -301-537, -301-732.

Analysis:

This amendment involves the relocation of an existing structure and three culvert extensions, as such no changes to current reclamation plan are anticipated. The areas affected by the relocation are currently disturbed and accounted for in the reclamation plan

TECNHCAL MEMO

Findings:

The information provided in the application is adequate to meet this section of the regulations.

RECOMMENDATION:

The amendment is recommended for approval in its present form.

vs
P:\GROUPS\COAL\WP\007022.SAV\FINAL\jch_01d.doc